

FRIEDMANN, A.; RUSANOVSKI, M.

Dyeing polyacrylonitrile fibers of both the 100% Dralon type and in blends with viscose staple and wool. p.192.

INDUSTRIA TEXTILA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industrii Usoare)
Bucuresti, Rumania
Vol. 10, no. 5, May 1959.

Monthly list of Eastern European Accession Index (EEAI) LC vol. 8, No. 11
November 1959
Uncl.

FRIEDMANN, A., RUSANOVSKI, M.

Dyeing with sulfur dyes in the presence of sulfur and sodium hydroxide. p. 111.

INDUSTRIA TEXTILA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Industriei Undestre) Bucuresti, Rumania. Vol. 10, no. 3,
Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

MOZES, G. (Bucuresti); LAPEDATU, E. (Bucuresti); ZAHARIA, C. (Bucuresti);
FRIEDMANN, A. (Bucuresti); ARABIAN, L. (Bucuresti); RADU, O. (Bucuresti);
BARTOS, V. (Bucuresti); DEDULESCU, L. (Bucuresti)

New types of selenium rectifying cells. Electrotehnica 10 no.2/3:72-86
F-Mr '62.

1. Colectiv de la Institutul de Cercetari Electrotehnice (for Mozes, Lapedatu, Zaharia, and Friedmann).
2. Colectiv de la uzinele "Grigore Preoteasa" (for Arabian, Radu, Bartos, and Dedulescu).

FRIEDMAN, B.

KONIG, J.; FRIEDMAN, B. "The Longest Observed Case of Essential Thrombopenic Purpura After Splenectomy." p. 222. (Casopis Lekaru Ceskych. Vol. 93, no. 9, Feb. 1954 Praha)

SO: Monthly List of East European Vol. 3, No. 6
Accessions,/Library of Congress, June 1954, Uncl.

FRIEDMANN, RICHARD

Inactivation of the blood group factor D (Rh₀) in vitro.
Bedřich Friedmann and Jaroslava Hoenigová (I. Interní
klin., Prague). *Cesopis Lékárů Českých* 93, 493-6 (1954).—
The D (Rh₀) factor was inactivated after incubation of the
red blood cells with 0.1-0.05% trichloroethylamine hydro-
chloride for 1 hr. The agglutinability of the A, B, C (rh'),
M, and N blood groups remained unchanged. Agglutinability
was demonstrated by means of the agglutination method,
by absorption, and by means of the indirect Coombs test.
Possible applications in the transfusion service are dis-
cussed. Ivo M. Hais

FILIP, J.; FRIEDMAN, B.; SUCHAN, M.

Hyperglobulinemic purpura (Waldenstrom). Ces. lek. cesk. 93
no.50:1370-1371 10 Dec 54.

1. Z I interni kliniky Karlovy university, prednosta prof. Dr
M.Hetousek.

(PURPURA,
hyperglobulinemic, Waldenstroem's)

34910

R/004/62/000/002/002/002
D014/D105

9.2150 (1020,1159,1331)

AUTHORS: Mozes, G., Lapedatu, E., Zaharia, C., Friedmann, A., Arabian,
L., Radu, O., Bartos, V., and Dedulescu, L., (Bucharest)

TITLE: New types of selenium rectifier-cells

PERIODICAL: Electrotehnica, no. 2-3, 1962, 72 - 86

TEXT: The article describes the possibilities of improving the performance of Rumanian selenium rectifiers and presents three new rectifiers developed by ICET=Institutul de cercetări electrotehnice (Electrotechnical Research Institute) and the Uzinele "Grigore Preoteasa" ("Grigore Preoteasa" Plant). The performance of Rumanian selenium rectifiers was improved either by increasing the inverse-peak voltage as in SV-1 rectifiers, by increasing the current density as in SV-3 rectifiers, or by increasing the inverse-peak voltage and the current density as in SV-2 rectifiers. The SV-1 cell was improved by introducing thallium in a concentration of $8 \cdot 10^{-3} \%$ into the SnCd counter-electrode and applying solid sulfur-in-selenium solution on the surface of the selenium layer. This gave the SV-1 cell in normal cooling conditions an inverse-peak

Card 1/3

New types of selenium rectifier-cells

R/004/62/000/002/002/002
D014/D105

cooling conditions an inverse-peak voltage of 35 - 50 v_{ef} , a current density of 50 ma/sq cm, a specific rectifying power of 0.7 - 0.95 w/sq cm, an over-all efficiency of 96 - 97%, an operating temperature of 65 - 70°C and a volt-ampere characteristic as shown in Fig. 28. There are 31 figures.

ASSOCIATION: Mozes, L., Lapedatu, E., Zaharia, C., and Friedmann, A.: ICET; Arabian, L., Radu, O., Bartoș, V., and Dedulescu, L.: Uzinele "Grigore Preoteasa" ("Grigore Preoteasa" Plant).

Card 3/6

FRIEDMANN, Bedrich, Dr; HERMANSKY, Frantisek, Dr; GYORGY, Albin, Dr

**Hemolytic anemia with cold agglutinins. Ces. lek. cesk. 93 no.50:
1371-1374 10 Dec 54.**

**1. Z I. kliniky chorob vnitřních, přednosta prof. Dr M. Netoušek,
a z Krajské transfúzní stanice v Ostravě.**

**(ANEMIA, HEMOLYTIC, blood in,
cold agglutinins)**

**(HEMAGGLUTINATION,
cold agglutinins in hemolytic anemia)**

LHOTKA, J.; FRIEDMANN, B.

Pneumocardiopexis in angina pectoris. Cas.lek.cesk. 94 no.14:374-376 1 Apr 55.

1. & II. chir. kliniky Karlovy university (prednosta: prof. Dr. Divis) a z I. int. kliniky Karlovy university (prednosta prof. Dr. Netousek).

(ANGINA PECTORIS, surgery,
pneumocardiopexis)

FRIEDMAN, B., Dr.

Short review of human blood group characteristics discovered during the past 10 years (1945-1954). Cas. lek. cesk. 94 no. 44:1195-1198 28 Oct 55.

1. I. interni klinika KU v Praze. Prednosta: prof. Netousek.
(BLOOD GROUPS
characteristics, research results, review.)

Country : CZECHOSLOVAKIA
 Category= : Human and Animal Physiology. 2
 Blood. Blood Groups.
 Abs. Jour. : Ref Zhur-Biol., No 23, 1956, 106325
 Author : Friedmann, Bedrich; Moenigova, Jacqueline
 Institut. : Prague Carolina University.
 Title : Inactivation of the D(Rh₀) Agglutininogen in vitro
 and Secretion Characteristics of Certain Anti-
 bodies.
 Orig. Pub. : Univ. carolina, Med., 1956, Suppl. No 2,
 391-398
 Abstract : The effect of onionhydrate trichlorethylamine (I)
 upon human erythrocyte (E) agglutinogens was
 studied in tests performed in vitro. I did not
 affect the agglutinability of A, B, C (rh⁺), R,
 and H; however, E(rh⁺) antigen became inactiva-
 ted. After an one-hour long incubation with a
 100 or 50 percent I solution, human D(Rh₀) E
 were not agglutinated by complete D-antibodies;
 they gave, however, a positive reaction with in-
 complete anti-D in an indirect Coombs reaction
 Card: 1/3

Country : CZECHOSLOVAKIA
Category= : Human and Animal Physiology. T
 : Blood, Blood Groups.
Abs. Jour. : Ref Zhur-Biol., No 22, 1958, 106325

Author :
Institut. :
Title :

Orig. Pub. :

Abstract :
 (cont) man E D (Rh₀) processed with I may be used to
 produce secretion of several kinds of human
 group D antibodies. -- A. I. Geronimus

Card: 3/3

Max
 Inactivation of group D (Rho) in vitro. H. B. Friedman and J. Hoenigova (1. Interni klin., Prague). *Časopis lékařů českých* 95, 1418-20 (1944); *et. C.A.* 49, 3392.
 Human red blood cells (I) incubated for one hr. with 100 mg. % soln. of NH_3 cannot be agglutinated with complete anti-D antibody. I react only with an incomplete anti-D antibody in the indirect Coombs test (II) and behave like D-pos. red blood cells. If the above incubation is 3 times repeated, II becomes neg. Methyltri-(β -chloroethyl)amine hydrochloride was unable to inactivate the D agglutinin. Out of 14 guinea pigs immunized with I with the D (Rho) agglutinin, inactivated with tri-(β -chloroethyl)amine hydrochloride, none produced complete anti-D antibodies. In the control group 11 animals out of 12 produced complete anti-D antibodies. Red blood cells of the monkey were not inactivated by NH_3 and they still induced the formation of anti-D antibodies.
 A. Zenssek

FRIEDMAN, B.

PAPEZ, L.; MUDr.; VACHA, Fr., MUDr.; FRIEDMAN, B., MUDr.; MALY, Vl., Mg. Mat.

Extrauterine pregnancy with special reference to abdominal blood transfusions. Cesk. gyn. 23[37] no.3:170-176 Apr 58.

1. I. gyn. klin., prednosta prof. Dr. K. Klaus -- I. int. klin., prednosta prof. Dr. M. Netoušek OUNZ lek. fakulty KU, prednosta prof. Dr. V. Prošek. L. P., Praha II, Karlovo nám. 499.

(PREGNANCY. ECTOPIC, surg.

with abdom. blood transfusions, statist. (Cz))

(BLOOD TRANSFUSIONS

abdom. blood transfusions in surg. of ectopic pregn.,
statist. (Cz))

FRIEDMANN, Bedrich; HERMANSKY, Frantisek

Auto-immunization in acquired hemolytic anemia. Cas. lek. cesk. 97 no.34:
Lek. veda zahr. 169-176 22 Aug 58.

1. I. Interni klinika Karlovy university, Prednosta: prof. dr. Milos
Netousek.

(ANEMIA, HEMOLYTIC, immunology,
auto-immune acquired, review (Cz))

HERMANSKY, F.; FRIEDMANN, B.

On the myelofibrotic syndrome, Cas. lek. cesk. 97 no.36:1128-1135
5 Sept 58.

1. Vyzkumna laborator pro patofysiologii krvetvorby a jater pri I.
interni klinice, prednosta prof. Dr. M. Netousek.

(BONE MARROW, dis.
myelofibrosis, clin. & pathol. correlation (Cz))

HERMANSKY, P.; FRIEDMANN, B.; VITEK, J.

On the problem of thrombocytopathies and pseudohemophilia. Cas.
lek.cesk. 98 no.49/50:1537-1544 4 D '59.

1. Laborator pro patofysiologii krvetvorby a jater pri I. interni
klinice KU v Praze, prednosta prof.dr. M. Netousek.
(HEMORRHAGIC DIATHESIS)
(BLOOD PLATELETS)

FILIP, Jan; FRIEDMANN, Bedrich

Critical evaluation of precipitation diagnosis of lupus erythematosus. Cas.lek.cesk. 99 no.7/8:206-207 19 F '60.

1. Technicki spoluprace E. Hradcovska a R. Papezova. I. interni klinika KU v Praze, prednosta prof. dr. M. Netousek.
(LUPUS ERYTHEMATOSUS blood)
(BLOOD PROTEINS)

FRIEDMANN, B.; HERMANSKY, F.; BROUSIL, J.; VOPATOVA, M.

Survival of the erythrocytes in leukemia determined with radiochromium- Cr^{51} . Cas.lek.cesk. 99 no.7/8:208-212 19 F '60.

1. I. interni klinika KU v Praze, prednosta prof.dr. M. Netousek, Laborator pro patofyziologii krvetvorby a jater pri I. interni klinice KU v Praze, reditel prof.dr. M. Netousek, Ustav pro lekarskou fyziku KU v Praze, prednosta doc.dr. Z. Dienstbier, Ustav hematologie a krevni transfuze v Praze, redited prof. dr.J. Horejsi.

(ERYTHROCYTES)

(LEUKEMIA blood)

(CHROMIUM radioactive)

FRIEDMANN, B.; HERMANSKY, F.; BROUSIL, J.; VOPATOWA, M.

Erythrocyte survival in leukemia, determined by radiochromium
C R⁵¹. Rev.Czech.M. 6 no.2:118-125 1960.

1. First Medical Clinic, Charles University, Prague. Director:
Professor V. Hoenig, M.D. Laboratory for the Pathophysiology of
Haemopoiesis and the Liver, at the First Medical Clinic, Charles
University, Prague, Director: Professor V. Hoenig, M.D. Institute
for Medical Physics, Prague, Director: Doc. Z. Dienstbier, M.D.
Institute for Haematology and Blood Transfusion. Director:
Professor J. Horejsi, M.D.

(ERYTHROCYTES)
(LEUKEMIA blood)
(CHROMIUM radioactive)

FRIEDMANN, Bedrich; MENCIKOVA, Eva; BROUSIL, Jindrich

Experimental contribution to the problem of the aggressivity of auto-antibodies against red blood cells. Cas.lek.cesk 100 no.17:525-529
28 Ap '61.

1. I interni klinika KU v Praze, prednosta prof. dr. V. Hoenig. Ustav pro lekarskou mikrobiologii a imunologii KU v Praze, prednosta prof. dr. F. Patocka. Biofyzikalni ustav lekarske fakulty KU v Praze, prednosta doc. dr. Z. Dienstbier.

(ANTIGEN-ANTIBODY REACTIONS) (ERYTHROCYTES)

PALEK, J.; FRIEDMANN, B.; TVAROHA, B.

The pentose phosphate pathway of red cells in hemoblastoses.
Neoplasma 10 no.3:253-259 '63.

1. Institute Medical Clinic, Charles University, Prague and
Hematological Laboratory, Public Hospital, Benesov, CSSR.

(CARBOHYDRATE METABOLISM)
(LEUKEMIA, LYMPHOCYTIC)
(RETICULOENDOTHELIOSIS)
(HODGKIN'S DISEASE)
(MULTIPLE MYELOMA)
(LEUKEMIA, MYELOCYTIC)
(BONE MARROW DISEASES)
(ERYTHROCYTES)

FRIEDMANN, B.

2

CZECHOSLOVAKIA

BERMAN, J.; FRIEDMANN, B; BROUSIL, J.

1. First Internal Medicine Clinic of the Faculty of General Medicine KU (I. vnitřní klinika fak. všeobecného lékařství KU), Prague; 2. Biophysical Institute of the Faculty of General Medicine KU (Biofyzikální ústav fak. všeobecného lékařství KU), Prague. - (for all)

Prague, Vnitřní lékařství, No 4, 1963, pp 336-337

"Survival of Erythrocytes in Porphyria Cutanea Tarda."

BRABEC, V.; BICANOVA, J.; FRIEDMANN, B.; KOUT, M.; MIRCEVOVA, L.;
PALEK, J.; VOPATOVA, M.; VOLEK, V.

Metabolic changes of erythrocytes in autoimmune hemolytic
disease. Cas. lek. cesk. 104 no.22:604-605 4 Je '65.

1. Ústav hematologie a krevní transfuze v Praze (ředitel:
prof. dr. J. Horejsi, DrSc.) a I. interní klinika fakulty vše-
obecného lékařství Karlovy University v Praze (prednosta prof.
dr. V. Hoenig, DrSc.).

CZECHOSLOVAKIA

UDC 612.111.3:(616.155.392:616-006.13)

FRIEDMANN, B.; BRABEC, V.; BROUSIL, J.; SMESSEK, V.; 1st Internal Clinic, Fac. of Gen. Med., Charles Univ. (I. Int. Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Prof Dr V. HOENIG; Institute of Hematology and Blood Transfusions (Ustav Hematologie a Krevni Transfuzie) Prague, Director (Reditel) Prof Dr J. HOREJSI; Biophysical Institute Fac. of Gen. Med. Charles Univ. (Biofyzikalni Ustav Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Docent Dr Z. DIENSTBIER.

"Erythropoiesis in Leukemia and Hemoblastoma of the Lympho reticular Line."

Prague, Casopis Lekarů Ceských, Vol 105, No 29, 8 Jul 66, pp 766 - 770

Abstract [Authors' English summary modified]: In 30 patients suffering from leukemia and lympho reticular hemoblastoma erythropoiesis was decreased in 8, normal in 4, increased in 18. Neither the normal nor the increased erythropoiesis reached values where it could compensate anemia due to hyperhemolysis. Erythropoiesis remains insufficient and must be considered in the pathogenesis of the disease.
1/1 3 Figures, 3 Tables, 10 Western, 3 Czech references.

FRIEDMANN, Jul.

Balneological indications in urolithiasis. Cas.lek.cesk. 99 no.14:
444-445 1 Ap '60.

1. Ceskoslovenske statni lazne Karlovy Vary - lecebna Zd. Mejedleho.
(BALNEOLOGY)
(URINARY CALCULI ther.)

FRIEDMANN, Karel, inz.

Complexly mechanized bitumen aggregate plant. Siln doprava 11
no.7:12-14 '63.

1. Stredisko zivichnych vozovek Vojenskych staveb.

FRIEDMANN, Lajos

A new procedure for the management of severe complications in cataract surgery. Szemeszet 98 no.4:212-213 D '61.

1. A regeni (R.N.K., Maros-Magyar Autonom Tartomány) Rajoni Korhaz Szemeszeti.

(CATARACT EXTRACTION ¹amp1)

KNOLL, Jozsef, Dr of med. sci., SCHEIBER, Eszter, MAGYAR, Kalman, MADHAZY, Pal, FRIEDMANN, Tamas; Medical University of Budapest, Institute of Pharmacology (Budapesti Orvostudományi Egyetem, Gyógyszertani Intézet).

"Cellulin: A Cell Membrane Substance With a Cardiotonic Effect of a Special Mode of Action III. The Preparation of Cellulin-Containing Substances and Their Biological Titration in Frog and Mammalian Hearts."

Budapest, A Magyar Tudományos Akadémia V. Orvosi Tudományok Osztályának Közleményei, Vol XVI, No 4, 1965, pages 339-349.

Abstract: [Authors' Hungarian summary modified] It was shown that, after washing various mammalian tissues with a suitable ("separating") solution, cellulins enter the solution. The inside surface of frog skin proved to be the most successful in this respect; for this reason, it was used for the development of the "standard preparation" method. These "standard preparations" are lyophilized, yellowish-brown, completely water soluble powders 0.75-3 mg of which contain 1 unit of cellulins. The biological titration of cellulins in frog hearts was also worked out. The effectiveness is measured in units. The measurement is based on the fact that the heart, stopped in the diastole and in Ringer's solution containing 0.2 per cent KCl, can be made to function again in such a K concentration only by the 1/2

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HUNGARY

Budapest, A Magyar Tudományos Akadémia V. Orvosi Tudományok Osztályának
Közleményei, Vol XVI, No 4, 1965, pages 339-349

use of cellulin. The cardiotonic effectiveness of our "standard preparation" was also determined on the cat auricle and on a papillary muscle preparation: similar to the observations on the frog heart, the effect of K on heart stoppage was greatly antagonized by cellulin in these preparations as well. A strong potentiating synergism was observed between cellulin and Ca in both frog and mammalian heart preparations. The "standard preparations" contain 2.5-4 per cent Ca. Extraction of the Ca with Na oxalate or complexing agent will inhibit the specific cellulin activity on the frog heart. An extraction method was also discovered, the resultant preparation of which has the specific effect characteristic of cellulin on the frog heart, but has no effect on the mammalian heart. 2 Hungarian, 1 Western references. [Manuscript received 10 May 65.]

FRIEDMANN, Willy, ing.

Distant signalization of the installations for street lighting
in Bucharest. Energetica Rum 11 no.4:169-174 Ap '63.

FRIEDMANN, W., ing.

Automation installations in the illuminating network of the city
of Bucharest. Energetica Rum 12 no. 6:280-284, Je '64.

FRIEDMANS, F.

Fight for development of socialist cattle raising; from work
experience of the Skrunda District Party Committee. p. 47.
PADOMJU LATVIJAS KOMUNISTI, Riga. Vol. 11, no. 5, May 1956.

SOURCE:

East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

L 38493-66

ACC NR: AP6005489 (A) SOURCE CODE: CZ/0078/66/000/001/0012/0012

AUTHOR: Friedrich, Christian (Graduate engineer; Drazd'any)

18
B

ORG: none

TITLE: Drift-corrected measuring amplifier.²⁵ CZ Pat. No. PV 3116 64

SOURCE: Vynalezy, no. 1, 1966, 12

TOPIC TAGS: amplifier, dc amplifier

ABSTRACT: An Author Certificate has been issued for a drift-corrected, noncontinuous measuring, d-c amplifier with a vacuum-tube electrometer. The amplifying unit consists of two single-stage amplifiers paralleled by two storage capacitors which automatically correct for zero drift. Both capacitors are connected to the base through an insulated joint contact. [KP]

SUB CODE: 09/ SUBM DATE: 29May64/

Cord. 1/1 LC

FRIEDRICH, F.

3653. Identification of organic compounds. XIII
Use of ion exchange in organic analysis.
Vesely and F. Friedrich. *Chem. List*,
Pardubice-Rybn. Czechoslovakia, 1957,
61 (2), 253-286. — The compound
lysed is converted into a salt. The
is liberated on a cation-exchange
be isolated or determined. Naphthylmethylthiurium
the preparation of the derivatives of
sulfonic acids. For displace-
thionium chloride is used as a
anions and thionium salts. p-nitrobenzoate
dinitrobenzoates are recommended. Isolated sul-
phides yield the best derivatives when treated with
p-bromophenyl bromide. Water is a poor
of water with ethanol or acetone as a
solvent.

dm
mt

L 21092-65 EEC(b)-2/ENT(1)/ENP(b)/ENP(t) IJP(o)/SSD(c)/AF/L/ASD(a)-5/
AS(mp)-2/ESD(gs)/ESD(t) JD

ACCESSION NR: AP5001292

P/0045/64/026/03-/0655/0663

AUTHOR: Friedrich, H. (6)

TITLE: Investigation of the temperature dependence of luminescence at the principal absorption edge of CdS single crystals

SOURCE: Acta physica polonica, v. 26, no. 3-4, 1964, 655-663

TOPIC TAGS: luminescence, temperature dependence, absorption edge, single crystal, cadmium sulfide, valence band, Fermi level, conduction band

ABSTRACT: To determine the positions of the terms and the capture cross sections for holes and electrons for the centers of green edge luminescence in CdS single crystals, the author measured the relative intensity of the green luminescence, the short-circuit photo-electromagnetic effect current, the photocurrent, and the temperature dependence of the relative intensity of the blue luminescence of CdS. The measurements were made on two groups of spectrally pure CdS single crystals, one group producing at low temperatures both blue and green luminescence, the other only blue. The first group was characterized by a sharp decrease in the photo-electromagnetic current and a rise in the photocurrent below approximately

Card 1/2

L 21092-65

ACCESSION NR: AP5001292

5
150K, while the latter group did not exhibit such a behavior. The lifetimes of the carriers, determined from the photo-electromagnetic effect and from the photo-current, had therefore a marked temperature dependence for the first group and a slight dependence for the second. The capture coefficient of the center of the green luminescence is estimated for electrons and holes from the lifetimes. The temperature dependence of the blue-luminescence relative intensity and the variation of this dependence upon illumination of the crystal surface can be attributed qualitatively to transitions of electrons from a level 0.02--0.03 eV under the conduction band to the valence band, occurring at liquid nitrogen temperatures. The intensity of this luminescence depends on the population of this level with electrons, i.e., on the distance between the quasi-Fermi level for electrons and the conduction band. "I thank Dr. F. Eckart for interest and Dr. K. Thiessen, Dr. E. Schnurer, and Dr. G. O. Muller for discussions." Orig. art. has: 6 figures and 4 formulas.

ASSOCIATION: German Academy of Sciences in Berlin, Physicotechnical Institute, Electronic Semiconductor Division, Berlin W 8, East Germany.

SUBMITTED: 00

ENCL: 00

SUB CODE: OP, SS

NR REF SOV: 001

OTHER: 002

Card 2/2

FRIEDRICH, K.
2254. Partition of methylchlorosilanes by gas-liquid chromatography. K. Friedrich (Res. Inst. Org. Syntheses, Pardubice-Rybitvi, Czechoslovakia). Chem. & Ind., 1957, (2), 47. Six silanes (including tetrachlorosilane and trimethylchlorosilane) were separated with nitrobenzene on infusorial earth as the stationary phase. The gas stream was passed into 0.02 N KCl; changes in acidity are determined by conductivity measurements. N.E.

1450
2 May

M

Partition of methylchlorosilanes by gas-liquid chromatography. K. Friedrich (Research Inst. Org. Syntheses, Pardubice, Czech.) *Chem. Zvesti* 1957, 11, 1037, 47; cf. James and Martin, *C.A.* 40, 4551, 1953. A mixture of HSiCl_3 , SiCl_4 , MeSiHCl_2 , Me_2SiHCl , and Me_3SiCl was separated by evaporation and passing through a stream of N_2 through a partition column (length 300 cm, diameter 4 mm.) at 25° . The liquid phase was PhNO_2 , which was supported on infusorial earth. Charles M. Stevens

FRIEDRICH, KURT

Identification of organic compounds. XIII. Use of ion exchange in organic analysis. Miroslav Večeta and Kurt Friedrich (Výzk. ústav org. syntesy, Pardubice, 50500, Czech.). *Chem. listy* 51, 263-6 (1957); cf. C.A. 50, 3554d. A new method is described, practicable also on micro- and semimicro scale. The analyzed compd. is converted to a suitable saltlike deriv. which is then purified by crystn. or chromatography and treated with catex to give the free acid. This is detd. in the eluate by titration or isolation. 1-Naphthylmethylthiuronium chloride is most suitable for the characterization of fatty acids, benzylthiuronium chloride for sulfo and disulfo acids, picrate and 3,6-dinitrobenzoate for amines and onium salts, and *p*-bromophenacyl bromide for dialkylsulfides. The method is very convenient also for the prepn. of small amts. of carboxylic and sulfonic acids in analytical grade purity. XIV. Separation and identification of aliphatic aldehydes and ketones by paper chromatography. Jiri Černý and Miroslav Večeta. *Ibid.* 237-91. Small amts. of carbonyl compds. arising as side products in catalytic processes are converted to 2,4-dinitrophenylhydrazones (I), sepd., and identified by chromatography in cyclohexane (II) satd. with HCONMe₂ on paper impregnated with 25% soln. of HCONMe₂ in EtOH. Lengthening of the C chain and cis configuration increases *R_f*, whereas the presence of double bonds and OH groups decreases *R_f*; cyclic ketones behave on paper like the corresponding aliphatic carbonyl compds. which are 1 C shorter. On raising the content of C₆H₅ in II *R_f* values increase equally in derivs. belonging to homologous series, whereas in other derivs. the sequence of spots is changed. XV. Identification of benzidine and its isomers. Miroslav Večeta. *Ibid.* 292-301. Micro-identification of benzidine (III), diphenylene (IV), *o*-III, *o*-semidine (V), and *p*-semidine (VI) is carried out by prepn.

Vecera, Miroslav; Friedrich, Kurt 8

benzyl deriva, and detg. their m.p., α of the molten mass, and eutectic temp., by taking powder x-ray diffraction pictures of HCl salts of the bases, and by ultraviolet and visible spectra. III, IV, and o-III are differentiated by the polarographic behavior of their products of reaction with HNO_3 . V and VI are characterized by color reactions with *N*-(1-naphthyl)ethylene diamine and polarographically.

L. J. Vitánek

2/2

PM
MT

CZECHOSLOVAKIA/Fitting Out of Laboratories. Instruments.
Their Theory, Construction, and Use.

F.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28586

Author : Sekerka, B., Spevak, A., and Friedrich, K.

Inst : -

Title : Infrared Indication in Gas Chromatography.

Orig Pub : Chem Prumysl, 7, No 11, 602-604 (1958) (in Czech with
summaries in English and Russian)

Abstract : The results obtained from the utilization of thermistors
in the dispersion-free IR-indication of the components
of mixtures analyzed by gas-liquid partition chromatogra-
phy are discussed.

Card 1/1

FRIEDRICH, L.

Notes on the early diagnosis of stomach cancer. Orv. hetil. 92 no.14:
452-456 8 Apr 1951. (CLML 24:5)

1. Doctor. 2. Second Internal Department (Head Physician -- Prof. Dr.
Lasslo Friedrich), Koranyi Metropolitan General Hospital.

FRIEDRICH, L.

Conservative therapy of perforated peptic ulcer. Orv. hetil.,
Budap. 92 no. 47:1518-1522 25 Nov. 1951. (CLML 21:3)

1. Doctor. 2. Second Internal Department (Head Physician -- Prof.
Laszlo Friedrich), Koranyi Hospital.

FRIEDRICH, L.; FOTI, M.

Reflex studies of the digestive tract with pantocaine. Magyar. belorv.
arch. 5 no.1:18-20 Mar 1952. (CIML 25:4)

1. Doctors. 2. Second Internal Department (Head -- Prof. Dr. Laszlo Friedrich) and Roentgen Department (Head -- Head Physician Mihaly Foti),
Koranyi Metropolitan General Hospital.

FRIEDRICH, L.

On the problem of prolapse of gastric mucoza. Magy. belorv. arch.
5 no.2:73-77 June 1952. (GLML 25:5)

1. Doctor. 2. Second Internal Department (Head Physician -- Prof.
Dr. László Friedrich), Koranyi General Hospital.

~~FRIEDRICH, J.~~

Value of gastroscopy in the diagnosis of peptic ulcer. Orv. hetil. 94
no.10:263-267 8 Mar 1953. (CML 24:4)

1. Doctor, Candidate Medical Sciences.

FRIEDRICH, Laszlo, dr.

A new method of treatment in prolonged, non-resorptive pneumonias.
Orv. hetil. 95 no.35:950-951 29 Aug 54.

1. A Fovarosí Koranyi Korhaz II. Belosztalynanak (foorvos: dr.
Friedrich Laszlo az orvostudományok kandidátusa) közleménye
(PNEUMONIA, therapy)
(PLEURISY, therapy)

FRIEDRICH, L.

The significance of gastroscopy in the diagnosis of gastric cancer.
Orv. hetil. 94 no.47:1289-1295 22 Nov 1953. (CIWL 25:5)

1. Doctor. 2. Second Internal Department (Head Physician -- Dr. Iaszlo Friedrich, Candidate Medical Sciences) Koranyi Hospital.

FOTI, Mihaly, dr.; FRIEDRICH, László, dr.

~~Roentgenologic manifestations in congestive heart failure.~~
Roentgenologic gastrointestinal manifestations in congestive heart failure. *Magy. radiol.* 7 no.1:40-43 Jan 55.

1. A Fovaros Koranyi Korhaza (igazgato: Petho, Imre dr.)
rontgen es belosztalyanak kozlomenye.

(CONGESTIVE HEART FAILURE, manifestations,
gastrointestinal x-ray signs.)

(GASTROINTESTINAL SYSTEM, in various diseases,
congestive heart failure, x-ray manifest.)

FRIEDRICH, Laszlo, dr.

~~SECRET~~
Treatment of gastric hemorrhage. Orv.hetil. 96 no.16:434-441
17 Apr 55.

(STOMACH, hemorrhage,
therapy)
(HEMORRHAGE,
stomach, ther.)

FRIEDRICH, László, dr.

Pancreatic diseases. Orv. hetil. 96 no.50:1373-1379 11 Dec 55.

1. A Koranyi Korhaz II. sz. Belosztalyanak (foorvos: Friedrich László dr. az orvostudományok kandidátusa) közleménye.

(PANCHEAS, dis.

diag., etiol. & ther. (Hun))

EXCERPTA MEDICA Sec. 6 Vol. 11/10 Oct. 57
FRIEDRICH L.

6262. FRIEDRICH L., NAGY E. and MESTER Z. II. Inn. und Chir. Abt., Korányi-Krankenh., Budapest. * Bedeutung der fraktionierten (5 minutigen) Duodenal-sondierung bei Erkrankungen der Gallenwege. Significance of fractional duodenal intubation (every 5 minutes) in diseases of the bile ducts Z. GES. INN. MED. 1956, 11/4 (159-166) Tables 8

A new method of fractional duodenal intubation is described, for which the name '5 minutes duodenal intubation' is suggested. The tube is introduced into the descending part of the duodenum and its position, before and after the experiment, controlled by X-ray examination. The spontaneous flow of bile, which follows, is collected in a container for 10 minutes, assisted, if need be, by light suction. Quantity and bilirubin content (intensity of colour) are recorded. After 10 min. 25-30 ml. of a lukewarm solution, 30% $MgSO_4$, is put into the tube. A collection of 8 specimens of bile, taken every 5 min. in separate glasses, is made (40 min.). In addition, 20-25 ml. of oil and a renewed collection of 8 specimens every 5 min. Quantity and colour of each specimen, and also possible pain data given by the patient, are recorded. 195 cases. Examples of various dyskymetic states and obstructions of both sphincters and of the gallbladder: (1) Hypertonus of the sphincter of Oddi: (a) No flow of A-bile. (b) Delayed flow of bile after $MgSO_4$ and oil up to 10 min. (c) Diminished quantity of the emptying bile. (2) Hypotonus of the sphincter of Oddi: uninterrupted regular flow of bile even before the introduction of stimulating substance. (3) Dystonia of the cystic duct: small quantity of B-bile frequently interrupted and possible periodic emptying with simultaneous pain in the region of the right costal margin. (4) Atony of the gallbladder: no A-bile present; delayed

FOTI, Mihaly, dr.; FRIEDRICH, Laszlo, dr.

Comparative pharmacodynamic study on tris by the means of roentgen and gastroscopic examinations. Orv. hetil. 97 no.11:286-291
11 March 56.

1. A Fovaros Koranyi Koskorhaza (igazgato: Petho, Imre dr.)
rontgenosztalyanak (foorvos: Foti, Mihaly dr.) es a II.
Belosztalyanak (foorvos: Friedrich, Laszlo dr.) kozlemenye.

(AUTONOMIC DRUGS, eff.

tris-(dimethylaminoethyl)amine trihydrochloride, on
gastrointestinal system, pharmacodynamic study (Hun))

(AMINES, eff.

same)

(GASTROINTESTINAL SYSTEM, eff. of drugs on
tris-(dimethylaminoethyl)amine trihydrochloride,
pharmacodynamic study (Hun))

RECIPES MEDICAL Sec. Vol.10/12 Phy.Biochem. Dec. 57
FRIEDRICH L.

5291. FRIEDRICH L., SIPÖTZ P. and TIBOR F. 2nd Intern. Dept., Korányi Hosp.,
Budapest. *Experiments aiming at the prevention of at-
phan ulcer GASTROENTEROLOGIA (Basel) 1956, 86/4 (493-496)
The formation of cinchophen ulcer is prevented by treating the animals with the
gastric juice of dogs with healed ulcers. Dogs treated simultaneously with cincho
phen and extract of gastric mucosa from healed-ulcer dogs did not develop ulcers.
Cohen - Paris

USSR/Human and Animal Physiology (Normal and Pathological).
Sense Organs. Vision.

T-13

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51349

Author : Friedrich, L.

Inst : -

Title : Composition Curves of Normal Trichromatic Colors Determined by Direct ("Energetic") Measurements.

Orig Pub : Biofizika, 1957, 2, No 1, 124-128.

Abstract : Experiments were performed with the "substitution colorimeter", which was described previously (see Biofizika, 2, No 1). The test field of 1.5° had a brightness of about 100 asb at $\lambda = 450 \text{ m}\mu$. Three basic colorimeter colors were presented foveally (610-690 $\text{m}\mu$, 505-530 $\text{m}\mu$, 453-469 $\text{m}\mu$). Colorimetric equations for spectral colors were established each 10 $\text{m}\mu$ within an interval of 680-430 $\text{m}\mu$. The task of the observer consisted in matching and blending the basic colors of the apparatus in such a

Card 1/2

USSR/Human and Animal Physiology (Normal and Pathological).
Sense Organs. Vision.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720019-3

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51349

manner that the resulting color should be undistinguishable from measured radiation. Within established equations, light power of each of the basic radiations, as well as of investigated radiation was measured by a photoelement and an amplifier. Tests which were performed on five standard trichromates resulted in composition curves of parienerge-tic spectrum which are slightly different from the curves of the International Measurements Society. Variations established by colorimetric findings of various observers should not be explained by the presence of an eye "filter", but by individual characteristics of the receivers. --
L.P. Kuznetsova.

Card 1/2

FRIEDRICH, László, dr.

Late gastroscopic picture of resected stomach. Orv. hetil.
98 no.1-4:39-41 Jan 57.

1. A Koranyi Korhaz II. Belgyógyászati Osztalyanak (foorvos:
Friedrich, László, dr., az orvostudományok kandidátusa)
közleménye.

(GASTRECTOMY

postop. gastroscopy (Hun))

EXCERPTA MEDICA Sec 17 Vol 5/1 Public Health Jan 59...

143. THE ULCER-PROBLEM IN HUNGARY - Az ulciskérdés Magyarországon -
Friedrich L. and Havas I. Budapest - NÉPEGÉSZSÉGÜGY 1958,
39/1-2 (26-30)

Peptic ulcer is the cause of 6% of sickness absenteeism in industry, and in certain
branches (traffic enterprises) even 10%. About 5% of industrial workers are suffer-
ing from this disease. The implications of these facts for the sickness insurance
funds, for hospitals and for factory canteens (dietary regimens) are discussed.

Közlemény a Budapesti Árváros Tanácsa V.B. Valassa János Korháza
belgyógyászati osztályáról (főorvos: Friedrich László dr. az
orvostudományok kandidátusa) és a Hajógyár belgyógyászati
szakrendeleseiről (főorvos: Havas István dr.)

FRIEDRICH, László, Dr.; MEDGYES, Arpad, Dr.; DENES, Zoltanne, Dr.

Significance of laparoscopy in gastric diagnosis. Orv. hetil. 99 no.8-9:
296-298 23 Feb - 2 Mar 58.

1. A Ballassa János Korhaz (igazgato: Szokodi-Dimitrov Daniel dr. az
orvostudományok kandidátusa) Belosztalyanak (először: Friedrich László
dr., az orvostudományok kandidátusa) közleménye.

(ENDOSCOPY

laparoscopy. value in gastric diag. (Run))

FRIEDRICH LASZLO, DR.; MEDOYES ARPAD, Dr.; DENES ZOLTANNE, Dr.

Experiences with laparoscopy in connection with 200 cases. Orv. hetil.
100 no.4:158-162 25 Jan 59.

1. A Budapesti Fovarosi Tanacs Balassa Janos Korhaza (igazgato: Szokodi-Dimitrov Daniel Dr., az orvostudomanyok kandidatusa) Belosztalyanak
(foorvos: Friedrich Laszlo dr., az orvostudomanyok kandidatusa) kozle-
menye.

(ENDOSCOPY

laparoscopy, clin. value & statist. (Hun))

FRIEDRICH, Iaszlo, Dr.; MEDGYES, Arpad, Dr.; DEMES, Zoltanne, Dr.

Role of laparoscopy in deciding the operability of gastric carcinomas. Orv. hetil. 100 no.12:431-433 22 Mar 59.

1. Budapest Fovaros Tanacsä Balassa Janos Korhaza (igazgato: Szokodi-Dimitrov Daniel dr., az orvostudományok kandidátusa) Belosztalyanak (foorvos: Friedrich Iaszlo dr.; az orvostudományok kandidátusa) közleménye.

(GASTRECTOMY, in various dis.

cancer of stomach, determ. of operability by laparoscopy (Hun))

(ENDOSCOPY

laparoscopy in determ. of operability of stomach cancers (Hun))

FRIEDRICH, László, Dr.; MEDGYESS, Arpad, Dr.; DENES, Zoltanne, Dr.

Experiences with liver puncture under laparoscopic control. Orv. hetil.
100 no.35:1261-1264 30 Aug 59.

1. Budapest Főv. Tanácsa Balassa János Kórháza (igazgató: Székodi-Dimitrov
Daniel dr., az orvostudományok kandidátusa) Belosztalyának (főorvos:
† Friedrich László dr. az orvostudományok kandidátusa) közleménye.
(LIVER, pathol.)
(ENDOSCOPY)
(BIOPSY)

Friedrich, Mikolks

"6"

The polarographic analysis of glass. Determination of
manganese and iron. Mikolks, Friedrich (Vojkovsky
polytechnic skh., Teplice, Czech.). Skh. i Priroda
1964, 10(4): 41. Following abstract: The polarograph-
cain of Mn and Fe by use of triethanolamine is given.
F. Schneider

(17)

FRIEDRICH, MIKOLAS

✓ Polarographic analysis of glass in production. Determination of the total amounts of sodium and potassium. Mikoláš Friedrich (Výzkumný ústav státního skla, Police, Czechoslovakia) *Keramika* 5, 74-7 (1956); cf. preceding abstr. A method is described for detg. Na and K in the presence of greater amts. of Al, Mg, Ca, Fe, and Ti. Disturbing elements are removed by means of orthophosphoric acid in the presence of phenyltrimethylammonium hydroxide (I). Glass with a known similar compn. is used as the reference sample. The fast capillary electrode is used, and the substance is polarographed without removing O up from 0.0 v. against a normal calomel electrode. The method is sufficiently precise. The purification of phenyltrimethylammonium iodide and its conversion into I are also described. Determination of lead. *Ibid.* 130-1. Pb is detd. in weakly acidified NH_4Cl soln. A fast capillary electrode is used, and the substance is polarographed by anodic-cathodic polarization up from 0.0 v. against a normal HgCl electrode. The results obtained by this method are very good even for high concns. of PbO. A detn. of 6 samples lasts 0.6 hrs. Determination of cadmium and zinc. *Ibid.* 164-5. Cd and Zn can be detd. simultaneously in a $\text{NH}_4\text{NH}_4\text{Cl}$ supporting electrolyte. The half-wave potential of Cd is 0.85 v. and that of Zn is 1.40 against a normal HgCl electrode. The fast capillary electrode is used and the polarography carried out by anodic-cathodic polarization up from 0.0 v. The detn. is simple, fast, and sufficiently precise.

M. A. KOUTZ

2 copies

PM

FRIDRICH, M.

Polarographic analysis of glass during manufacture. p. 130.
SEKLAR A KERAMIK, Praha, Vol. 5, no. 6, June 1955.

SO: Monthly List of East European Accessions, (EMEL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

FRIEDRICH, V.

Polarographic analysis of glass during production. p. 154.
STLÁN A KEMNÍK, Praha, Vol. 5, no. 7, July 1955.

CC: Monthly List of East European Accessions, (MEAL), 10, Vol. 4, no. 10, Oct. 1955,
Uncl.

FRIEDRICH, M.

Trimethylphenylammonium hydroxide as
reference electrolyte in the polarographic determi-
nation of alkali metals. *J. Electroanal. Chem.*
1964, 12, 1243.
Trimethylphenylammonium hydroxide (II) being
prepared and purified as a reference with
the alkali metal hydroxides
the standard solution in the
polarographic determination of alkali metals
allows a potential of 2.2 V to be reached.
To prepare a 0.1 M standard solution of I, dissolve
13.2 g trimethylphenylammonium iodide in 100 ml
of water. Shake the solution with a suspension of Ag_2O
prepared by adding 10 g of H_2O to a solution of 22.5 g
of AgNO_3 , collect the precipitate and washing it free
from Na^+ and I^- ions. Filter the mixture on a
sintered glass plate and dilute the filtrate to 250 ml.
V. GLASER

FRIEDRICH, Mikolas

7002

✓ The complexometric determination of calcium and magnesium in glass. Mikoláš Friedrich and Milan Pavlovský (Vysokomý národní učební ústav, Czech.). Sklad a keramik 6, 114-16 (1960).—The new titrimetric method for detg. Ca and Mg with complexon III is described. The interfering elements are bound with triethanolamine. Eriochrome Black I and murexide are used as indicators. 12 references. P. Schneider

M. A. YOUTZ

2 copies

2

PM

HUNGARY/Human and Animal Physiology - Excretion.

V-6

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18326

Author : M. Földi, H. Kleinsorge, G. Bolland, P. Friedrich, F. Solti
and H.H. Wittig

Inst : -

Title : The Effect of the Cerebral Cortex on Renal Function and
Hemodynamics in the Human.

Orig Pub : Magyar tud. akad. Biol. es orv. tud oszt kozl., 1957, 7,
No 4, 411-431

Abstract : No abstract.

Card 1/1

FRANKFURT, .; .OLGAR, .; STUBBINS, Gertrude

The existence of a histidine residue essential for glyceraldehyde-3-phosphate dehydrogenase action. Acta physiol. Acad. Sci. Hung. 25 no.3:17-23 '64

1. Institute of Biochemistry, Hungarian Academy of Sciences, Budapest.

FRIEDRICH, R. POSPILIS, O.

Improvement of the organization in the production of ready-made knit goods. (to be contd.) p. 15.

(Textil. Vol. 12, no. 1, Jan. 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

FRIEDRICH, R.

Improving the organization in the production of ready-made knitted goods. p.51.
(Textil, Vol. 12, No. 2, Feb. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

AVRAM, N. Constantin; FILIMON, I.; FRIEDRICH, R.

Calculation of reinforced concrete frames in the plastic stage. Bul St si Tehn Tim 8 no.1:161-167 Ja-Je '63.

264-50

L 05115-67 JK

ACC NR: AP6032380

SOURCE CODE: CZ/0053/66/015/005/0404/0404

AUTHOR: Friedrich, R. ; Svihovec, J. ; Stulc, J. ; Babej, M.

ORG: Department of Pharmacology of the Pediatrics Faculty, Prague (Katedra farmakologie fakulty detskeho lekarstvi)

TITLE: The effect of staphylococcal toxin on the permeability of smooth muscle membrane (diaphragm) to potassium

SOURCE: Ceskoslovenska fysiologie, v. 15, no. 5, 1966, 404

TOPIC TAGS: toxicology, muscle physiology, biochemistry, permeability measurement

ABSTRACT: The changes in the permeability of smooth muscle membrane (diaphragm) to potassium caused by the staphylococcal toxin were studied. It was found that following the application of the haemolytic units (dosage 36, and 7, 2) the intensity of diffusion of K^{42} from the tissue considerably increases and reaches a maximum in about 20 minutes. Then, it begins to decrease, and after 80-120 minutes it returns to the normal level despite the fact that toxin contact with muscle membrane remained unabated. The conclusion is that the permeability changes

Card 1/2

L 05115-67

ACC NR: AP6032380

experienced in this process do not cause any irreversible damage to smooth muscle membrane, and that these changes are not a decisive factor in the development of muscle contraction. [WA 50] [KP]

SUB CODE: 06/ SUBM DATE: none/

Card 2/2

vmb

FRIEDRICH, Vilem, inz.

The EVBP-4 electronic moisture meter. Automatizace 6 no.6:
155 Je '63.

AVRAM, Constantin N.; FILIMON, I.; FRIEDRICH, R.

Study of the frameworks of reinforced concrete beams in the plastic stage. Bul St si Tehn Tim 9 no.1:215-222 Ja-Je '64.

CZECHOSLOVAKIA

FRIEDRICH, R.; SVIHOVEC, J.; STULC, M.; BABAJ, M.; Chair of Pharmacology, Faculty of Pediatrics (Katedra Farmakologie Fak. Detsk. Lek.), Prague.

"The Effect of Staphylococcic Toxin on the Permeability of Cellular Membrane of the Intestine to Potassium."

Prague, Czechoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 404

Abstract: The changes of permeability to K were investigated on the taenia coli of guinea pig. The samples were incubated for 3 hours in Kreb's bicarbonate solution containing K^{42} . The release of K^{42} from the tissue was recorded. The release decreases as a logarithmic function of the time. Staphylococcic toxin (ST) increased the release of K^{42} to a great extent. Maximum release takes place 20 minutes after the application of ST; after 120 minutes the rate of release returns to normal. The spastic effect persists much longer. No references. Submitted at 14 Days of Pharmacology at Smolenice, 16 Feb 66.

1/1

FRIEDRICH, V.

FRIEDRICH, V. A furnace for drying ladles. p. 347, Vol. 4, no. 11,
Nov. 1956. SLEVARENSTVI
Praha, Czechoslovakia

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4, April 1957

FRIEDRICH, V.

2

The Importance of Measuring and Weighing in Determining the Composition of Blast-Furnace Burden. V. Friedrich. (*Huutil*, 1950, 6, [11], 322-334). (In Czech). The principles leading to the correct composition of the charge, assuming given raw materials, are discussed, and the potential losses in thermal and economic efficiency arising out of faulty charge composition are considered.---p. 8.

RS

FRIEDRICH, V.

FRIEDRICH, V. - Through the development of sintering toward a further
increase of pigiron production. p. 6.
Vol. 7, no. 1, Jan. 1957
HUTNIK (Ministerstvo Hutního průmyslu a rudných dolů) Praha

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

FRIEDRICH, V.

18 4
The Effect of Manganese on the Rates of Desulfurization
and Oxidation of Metal in the Open-Hearth Process
Friedrich (Hutnické Listy, 1957, 12, (4), 324-325). [In
Czech]. The chemistry and thermodynamics of Mn reactions
in the O.H. furnace are discussed. It is shown that high
Mn contents are beneficial in steels whether these have been
made by the ore or by the scrap processes. Mn reduces
the oxidation of the metal and improves its impact strength
after ageing. The range of Mn contents studied was 0.4-
2.0%; the steels were of the basic type.—P. S.

PM RS

FRIEDRICH, V.

Effect of principal metallurgical factors on the quality of billets and the output of seamless tubes.

P. 1077. (HUTNICKE LISTY.) (Brno, Czechoslovakia) Vol. 12, No. 12, Dec. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, May 1958

FRIEDRICH, V.

TECHNOLOGY

Periodicals: HUTNICKE LISTY Vol. 13, no. 9, Sept. 1958.

FRIEDRICH, V. Damages caused by holes burnt through blast furnace hearths. p. 800.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 5,
May 1959; Unclass.

FRIEDRICH, V.

TECHNOLOGY

periodicals: HUTNICKE LISTY Vol. 13, no. 10, Oct. 1958

FRIEDRICH, V. Contribution to the discussion on R. Stefec and J. Kosan's article "Desoxydation of open-hearth steels in duplex process." p. 919

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

COUNTRY:	: Czechoslovakia	H-13
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 5 1960, No.	18694
AUTHOR	: Friedrich, V.	
INST.	: Not given	
TITLE	: New Trends in the Production of Refractories for Basic Open Hearth Furnaces and Other Fields of the Steel-Making Industry	
ORIG. PUB.	: Hutnik (CSR), 9, No 5, 264-266 (1960)	
ABSTRACT	: No abstract.	

CARD: 1/1

FRIEDRICH, V., inz.

New kinds of structural and building steels. Nova technika no.2:
62-63 '60.

(Steel)

AUTHOR: Vilem Friedrich

TITLE: "Complex Automation of Primary Metallurgical Production II"

SOURCE: Praha, Automatizace, Vol IV, No 8 (Aug 61) pp 231-232

DESCRIPTION: This is the second part of an article. It discusses the indices of economic effectiveness of the introduced automation. They refer to the work productivity changes in general, and to the volume of additional investment expenses.

FRIEDRICH, V., inz.; SKALA, J., inz.

Examining the effect of deoxidation elements on the kinetics of iron desulfurization by means of S^{35} ; discussion. Hut listy 16 no.10:740-743 0 '61.

FRIEDRICH, Vilem, inz.

Manufacture of NiV steel for forgings of rotor and
turbogenerator shafts. Hut listy 17 no.10:700-704
0 '62.

1. SKVT Praha.

FRIEDRICH, V., inz.; HOREJSI, S., inz.

Wear resisting wheels for Czechoslovak railway cars; discussion.
Hut listy 17 no.10:729-732 0 '62.

FRIEDRICH, Vilem, inz.

A conference on agglomerating methods. Hut listy 16 no.7:515-517 J1
'61.

FRIEDRICH, Vilem, inz.

New technique of enriching the medium and low-iron ores in the Soviet Union. Rudy 11 no.5:178 My '63.

1. Statni komise pro rozvoj a koordinaci vedy a techniky, Praha.

FRIEDRICH, V., inz.

Economical use of lean manganese ores for production of carbonaceous ferromanganese and silicomanganese in the U.S.S.R. Rudy
11 no.11: 386 N°63.

1. Statni komise pro rozvoj a koordinaci vedy a techniky,
Praha.

PUNCOCHAR, Z., inz.; LVOVA, H., inz.; FRIEDRICH, V., inz.; KECLIK, V., inz.;
KRUMNIKL, Frantisek, inz.; BAUER, J., inz.; SORAL, J., inz.;
HORAK, J., dr., inz.; PEDLIK, M., inz.

Information on metallurgy. Hut listy 18 no.5:361-374 My '63.

FRIEDRICH, V., inz.

New planning methods of the development of science and technology contribute to the further technological development of the metallurgical industry. Hut listy 19 no. 6:425-427 Je '64.

1. State Commission for Development and Coordination of Science and Technology.

FRIEDRICH, Vilem, ins.

Tasks of Czechoslovak metallurgy in the development of the national economy in the near future. Hut listy 19 no.1: 45-48 Ja'64.

1. Statni komise pro rozvoj a koordinaci vedy a techniky, Praha.

FRIEDRICH, V., inz.

"Pelletization of oolitic iron ore and pellet annealing
in rotary furnaces" by A.Bragard, P.Parmentier, G.Meunier.
Reviewed by V.Friedrich. Hut listy 19 no.10:739-740 0 '64.

FRIEDRICH, V., inz.

"Effect of blowing various fuel additives into the furnace
blast" by N.K. Leonidov, I.I. Gochman, B.E. Tarasov. Reviewed
by V. Friedrich. Hut listy 19 no. 11: 826-827 N '64.